

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY DOCKET NO. ABC-0001CIP	APPLICATION NO. 08-771,831
	APPLICANTS: Skurkovich <i>et al.</i>	FILING DATE: December 23, 1996

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09/487979
01/20/00

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AN	A1	4,824,432	Apr. 25, 1989	Skurkovich <i>et al.</i>	604	+	Mar. 25, 1986
	B1	4,605,394	Aug. 12, 1986	Skurkovich <i>et al.</i>	604	4,5	Dec. 3, 1982
↓	C1	4,362,155	Dec. 7, 1982	Skurkovich <i>et al.</i>	128	2141C	Mar. 24, 1981
	D1						
	E1						
	F1						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AN	R1	WO 92/16553	1 Oct. 1992	PCT	—	—	— Yes No
	S1						Yes No
	T1						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)		
AN	AA	Aderka <i>et al.</i> , "Correlation between Serum Levels of Soluble Tumor Necrosis Factor Receptor and Disease Activity in Systemic Lupus Erythematosus," <i>Arthritis Rheum.</i> 36(8):1111-1120 (1993).
AN	AB	Altomonte <i>et al.</i> , "Serum Levels of Interleukin-1b, Tumor Necrosis Factor-a and Interleukin-2 in Rheumatoid Arthritis, Correlation with Disease Activity," <i>Clin. Rheum.</i> 11(2):202-205 (1992)
AN	AC	Bevan <i>et al.</i> , "Interferon-Induced Parotitis and Epididymitis," <i>Lancet</i> 2:561 (1985).
AN	AD	Biglino <i>et al.</i> , "Spontaneous Release of Interferon as a Predictor of Clinical Evolution in HIV-Positive Subjects," <i>Infection</i> 19 (1):11/7-11/17 (1991).
AN	AE	Billard <i>et al.</i> , "IFN α in Vivo Enhances Tumor Necrosis Factor Receptor Levels on Hairy Cells," <i>J. Immunol.</i> 145:1713-1718 (Sept. 1990).

EXAMINER	AN D. Etienne	DATE CONSIDERED
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AB	AF	Brahm <i>et al.</i> , "Effects of Tumor Necrosis Factor Alpha (TNF α) on Collagen Arthritis," <i>Lymphokine and Cytokine Res.</i> 11(5):253-256 (1992).
AB	AG	Brennan <i>et al.</i> , "TNF α - A Pivotal Role in Rheumatoid Arthritis," <i>Brit. J. Rheum.</i> 31(5):293-8 (1992).
AB	AH	Brod <i>et al.</i> , "Interferon- β _{1b} Treatment Decreases Tumor Necrosis Factor- α and Increases Interleukin-6 Production in Multiple Sclerosis," <i>Neurology</i> 46: 1633-1638 (June 1996).
AB	AI	Burton, "Human Monoclonal Antibodies, Achievement and Potential," <i>Hospital Practice</i> 667-74 (August 1992).
AB	AJ	Carpenter <i>et al.</i> , "The Pathogenesis of Autoimmunity in New Zealand Mice," <i>Lab Invest.</i> 23:628-634 (1970).
AB	AK	Chu <i>et al.</i> , "Detection of Cytokines at the Cartilage/Pannus Junction in Patients with Rheumatoid Arthritis: Implications for the Role of Cytokines in Cartilage Destruction and Repair," <i>Brit. J. Rheum.</i> 31(10):653-661 (1992).
AB	AL	Chazerain <i>et al.</i> , "Rheumatoid Arthritis-like Disease after Alpha-Interferon Therapy," <i>Ann. Intern. Med.</i> 116:427 (Mar. 1992).
AB	AM	Conlon <i>et al.</i> , "Exacerbation of Symptoms of Autoimmune Disease in Patients Receiving Alpha-Interferon Therapy," <i>Cancer</i> 65:2237-2242 (1990).
AB	AN	Danis <i>et al.</i> , "Circulating Cytokine Levels in Patients with Rheumatoid Arthritis: Results of a Double Blind Trial with Sulphasalazine," <i>Ann. Rheum. Disease</i> 51(8):946-950 (1992).
AB	AO	Deleuran <i>et al.</i> , "Localization of Tumor Necrosis Factor Receptors in the Synovial Tissue and Cartilage-Pannus Junction in Patients with Rheumatoid Arthritis," <i>Arthritis Rheum.</i> 35(10):1170-78 (1992).
AB	AP	DeStefano <i>et al.</i> , "Acid-Labile Human Leukocyte Interferon in Homosexual Men with Kaposi's Sarcoma and Lymphadenopathy," <i>J. Infect. Disease</i> 146:451-455 (1982).
AB	AQ	Dorsett <i>et al.</i> , "Anti-Lymphocyte Antibodies in Patients with the Acquired Immune Deficiency Syndrome," <i>Am. J. Med.</i> 78:621-626 (1985).
AB	AR	Elliott <i>et al.</i> , "Treatment of Rheumatoid Arthritis with Chimeric Monoclonal Antibodies to TNF- α : Safety, Clinical Efficacy and Control of the Acute Phase Response," <i>J. Cellular Biochemistry, Suppl.</i> 17B:145 (1993).
AB	AS	Elliott <i>et al.</i> , "Repeated Therapy with Monoclonal Antibody to Tumor Necrosis Factor α (cA2) in Patients with Rheumatoid Arthritis," <i>Lancet</i> 344:1125-1127 (1994).

EXAMINER

Dr. Elmer

DATE CONSIDERED

8-20 01/30/01

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	FILING DATE: December 23, 1996	GROUP: HHS 1644

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)		
<i>AN</i>	AT	Engleman <i>et al.</i> , "Treatment of NZB/NZW F ₁ Hybrid Mice with <i>Mycobacterium bovis</i> Strain BCG or Type II Interferon Preparations Accelerates Autoimmune Disease," <i>Arthr. Rheum.</i> 24:1396-1402 (1981).
<i>AN</i>	AU	Fattovich <i>et al.</i> , "Autoantibodies during Interferon- α Therapy for Chronic Hepatitis B," <i>Br. J. Med. Virol.</i> 34:132-135 (1991).
<i>AN</i>	AV	Feldman, <i>et al.</i> , "Interferons and Autoimmunity," in <u>IFN 9</u> , Academic Press, p. 75 (1987).
<i>AN</i>	AW	Foulis <i>et al.</i> , "Immunoreactive α -Interferon in Insulin-Secreting β Cells in Type I Diabetes Mellitus," <i>Lancet</i> 2:1423-1427 (1987).
<i>AN</i>	AX	Gendelman <i>et al.</i> , "Induction of IFN α in Peripheral Blood Mononuclear Cells by HIV-Infected Monocytes," <i>J. Immunol.</i> 148:422-429 (1992).
<i>AN</i>	AY	Graninger <i>et al.</i> , "Induction of Systemic Lupus erythematosus by Interferon- γ in a Patient with Rheumatoid Arthritis," <i>J. Rheumatol.</i> 18:1621-1622 (1981).
<i>AN</i>	AZ	Gringeri <i>et al.</i> , "Anti-Alpha Interferon Immunization Safety and Immunogenicity in Asymptomatic HIV Positive Patients at High Risk of Disease Progression," <i>Cell. Mol. Biol.</i> 41(3):381-387 (1995).
<i>AN</i>	BA	Gringeri <i>et al.</i> , "Absence of Clinical, Virological, and Immunological Signs of Progression in HIV-1-Infected Patients Receiving Active Anti-Interferon- α Immunization: A 30-Month Follow-Up Report," <i>J. Acquir. Immun. Defic. Syndr.</i> 13:55-67 (1996).
<i>AN</i>	BB	Heremans <i>et al.</i> , "Interferon Treatment of NZB Mice Accelerated Progression of Autoimmune Disease," <i>Infect. Immun.</i> 21:925-930 (1978).
<i>AN</i>	BC	Hess <i>et al.</i> , "Tumor Necrosis factor and Interferon as Prognostic Markers in Human Immunodeficiency Virus (HIV) Infection," <i>Infection 19, Suppl.</i> 2:S93-97 (1991).
<i>AN</i>	BD	Hirano <i>et al.</i> , "Interleukin-6 and Its Relation to Inflammation and Disease," <i>Clin. Immunol.</i> 62:S60-S65 (1992).
<i>AN</i>	BE	Holt <i>et al.</i> , "Cytokine Inter-Relationships and the Association with Disease Activity in Arthritis," <i>Brit. J. Rheum.</i> 21(11):725-733 (1992).
<i>AN</i>	BF	Hooks <i>et al.</i> , "Immune Interferon in the Circulation of Patients with Autoimmune Disease," <i>N. Engl. J. Med.</i> 301:5-8 (1979).
<i>AN</i>	BG	Johnson <i>et al.</i> , "The Role of Antimyosin Antibodies in Acute Myocardial Infarction," <i>Sem. Nuc. Med.</i> 19:238 (1989).
EXAMINER <i>Ann Devereux</i>	DATE CONSIDERED <i>5-26-97 5-30-97</i>	
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AN	BI1	Larrey <i>et al.</i> , "Exacerbation of Multiple Sclerosis after the Administration of Recombinant Human Interferon Alfa," <i>JAMA</i> 261:2065 (1989).
AN	BI	Lau <i>et al.</i> , "Regulation of Tumor Necrosis Factor Receptor Expression by Acid-Labile Interferon- α from AIDS Sera," <i>AIDS Research and Human Retroviruses</i> 7:545-552 (1991).
AN	BJ	Leinonen <i>et al.</i> , "Circulating Immune Complexes Containing Chlamydial Lipopolysaccharide in Acute Myocardial Infarction," <i>Microbiol. Path.</i> 9:67-73 (1990).
AN	BK	Libiková <i>et al.</i> , "Orbiviruses of the Kemerovo Complex and Neurological Disease," <i>Med. Microbiol. Immunol.</i> 166:355-263 (1978).
AN	BL	Libiková <i>et al.</i> , "Assay of Interferon and Viral Antibodies in the Cerebrospinal Fluid in Clinical Neurology and Psychiatry," <i>Acta. Biol. Med. Germ.</i> 38:879-893 (1979).
AN	BM	Link <i>et al.</i> , "Increased Transforming Growth Factor- β , Interleukin-4, and Interferon- γ in Multiple Sclerosis," <i>Ann. Neurol.</i> 36:379-386 (1994).
AN	BN	Liyden <i>et al.</i> , "In Situ Localization of Interferons in Psoriatic Lesions," <i>Arch. Dermatol. Res.</i> 281(6):392-397 (1989).
AN	BO	Machold <i>et al.</i> , "Interferon- γ Induced Exacerbation of Systemic Lupus Erythematosus," <i>J. Rheumat.</i> 17(6):831-832 (1990).
AN	BP	Matsuyama <i>et al.</i> , "Cytocidal Effect of Tumor Necrosis Factor on Cells Chronically Infected with Human Immunodeficiency Virus (HIV): Enhancement of HIV Replication," <i>Proc. Natl. Acad. Sci. USA</i> 86:2365-2509 (1989).
AN	BQ	Mauritz <i>et al.</i> , "Treatment with Gamma-Interferon Trigger the Onset of Collagen Arthritis in Mice," <i>Arthritis & Rheumatism</i> 31:1297-1304 (1988).
AN	BR	Meijer <i>et al.</i> , "Profiles of Cytokines (TNF α and IL-6) and Acute Phase Proteins (CRP and α 1AG) Related to the Disease Course in Patients with Systemic Lupus Erythematosus," <i>Lupus</i> 2:359-365 (1993).
AN	BS	Montalban <i>et al.</i> , "Antiphospholipid Antibodies in Cerebral Ischemia," <i>Stroke</i> 22:750-753 (1991).
AN	BT	Murakami <i>et al.</i> , "Diabetes Mellitus and Interferon- α Therapy," <i>Ann. Intern. Med.</i> 318 (August 1995).
AN	BU	Ohta <i>et al.</i> , <i>J. Gastroenterol.</i> 88:209-210 (1991).

EXAMINER <i>John D. Glance</i>	DATE CONSIDERED <i>5-20-97/8-30-91</i>
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FORM PTO-1449		ATTY DOCKET NO. ABC-0001CIP	APPLICATION NO. 08 771,821
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
<i>Am</i>	BV	Panitch <i>et al.</i> , "Exacerbations of Multiple Sclerosis in Patients Treated with Gamma Interferon," <i>Lancet</i> 1:893-894 (1987).	
<i>Am</i>	BW	Preble <i>et al.</i> , "Systemic Lupus Erythematosus: Presence in Human Serum of an Unusual Acid-Labile Leukocyte Interferon," <i>Science</i> 216:429-431 (1982).	
<i>Am</i>	BX	Preble <i>et al.</i> , "Serum Interferon in Patients with Psychosis," <i>Am. J. Psychiatry</i> 142(10):1184-1186 (1985).	
<i>Am</i>	BY	Quesada <i>et al.</i> , "Psoriasis and Alpha-Interferon," <i>Lancet</i> 2:1466-1468 (1986).	
<i>Am</i>	BZ	Quesada <i>et al.</i> , "Clinical Toxicity of Interferons in Cancer Patients: A Review," <i>Clin. Oncol.</i> 2:234-243 (1986).	
<i>Am</i>	CA	Remy <i>et al.</i> , "Experimental Autoimmune Thyroiditis Induced by Recombinant Interferon- γ ," <i>Immunol. Today</i> 8:73 (1987).	
<i>Am</i>	CB	Ronnlblom, <i>et al.</i> , "Possible Induction of Systemic Lupus Erythematosus by Interferon- α Treatment in a Patient with a Malignant Carcinoid Tumour," <i>J. Intern. Med.</i> 227:207-210 (1990).	
<i>Am</i>	CC	Ronnlblom <i>et al.</i> , "Autoimmunity after Alpha-Interferon Therapy for Malignant Carcinoid Tumors," <i>Ann. Intern. Med.</i> 115:178-183 (1991).	
<i>Am</i>	CD	Schattner <i>et al.</i> , "Review: Interferons and Autoimmunity," <i>Am. J. Med. Sci.</i> 295:532-544 (1988).	
<i>Am</i>	CE	Schilling <i>et al.</i> , "Development of Systemic Lupus Erythematosus After Interferon Therapy for Chronic Myelogenous Leukemia," <i>Cancer</i> 68:1536-1537 (1991).	
<i>Am</i>	CF	Shariff <i>et al.</i> , "Association between Tumor Necrosis Factor- α and Disease Progression in Patients with Multiple Sclerosis," <i>N. Engl. J. Med.</i> 325(7):467-472 (1992).	
<i>Am</i>	CG	Shiozawa <i>et al.</i> , "Interferon-Alpha in Lupus Psychosis," <i>Arthr. Rheum.</i> 35:417-422 (1992).	
<i>Am</i>	CI	Sinha <i>et al.</i> , "Autoimmune Diseases: The Failure of Self Tolerance," <i>Science</i> 248: 1380 (1990).	
<i>Am</i>	CI	Skurkovich <i>et al.</i> , "Immunosuppressive Effect of an Anti-Interferon Serum," <i>Nature</i> 217:551-2 (1974).	
<i>Am</i>	CI	Skurkovich <i>et al.</i> , "The Probable Role of Interferon in Allergy," <i>Annals of Allergy</i> 35:356-360 (1975).	

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5-26-94

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)		
✓	CK	Skurkovich <i>et al.</i> , "Lymphocytes Cytotoxicity Towards Cells of Human Lymphoblastoid Lines in Patients with Rheumatoid Arthritis and Systemic Lupus Erythematosus," <i>Annals of Allergy</i> 39:344-350 (1977).
✓	CL	Skurkovich <i>et al.</i> , "Interferon in the Serum of Autoimmune NZB/W and MRL/lpr/lpr Mice," <i>Annual International Congress for Interferon Research</i> (1981).
✓	CM	Skurkovich <i>et al.</i> , "Aberrant IFN May Help HIV Survive and Replicate; Its Removal in AIDS Patients May Halt This Process and Help Restore the Immune System," <i>J. IFN Res.</i> 12, Suppl. 1:S110 (1992).
✓	CN	Skurkovich <i>et al.</i> , "A Disturbance of Interferon Synthesis with the Hyperproduction of Unusual Kinds of Interferon Can Trigger Autoimmune Disease and Play a Pathogenic Role in AIDS: The Removal of These Interferons Can Be Therapeutic," <i>Med. Hypoth.</i> 41:177-185 (1993).
✓	CO	Skurkovich <i>et al.</i> , (Revised) "A Disturbance of Interferon Synthesis with the Hyperproduction of Unusual Kinds of Interferon Can Trigger Autoimmune Disease and Play a Pathogenic Role in AIDS: The Removal of These Interferons Can Be Therapeutic," <i>Med. Hypoth.</i> 42:27-35 (1994).
✓	CP	Uehara <i>et al.</i> , "Role of IFN- γ in the Development of the Murine Acquired Immunodeficiency Syndrome, MAIDS," <i>J. Interferon Res.</i> 13, Suppl. 1: PW6-9 (Oct. 1993).
✓	CQ	Vadhan-Raj <i>et al.</i> , "Immunological Variables as Predictors of Prognosis in Patients with Kaposi's Sarcoma and the Acquired Immunodeficiency Syndrome," <i>Cancer Res.</i> 46:417 (1986).
✓	CR	Van Snick <i>et al.</i> , "Interleukin-6: An Overview," <i>Ann. Rev. Immunol.</i> 8:253-278 (1990).
✓	CS	Vento <i>et al.</i> , "Rapid Decline of CD4+ Cells after IFN α Treatment in HIV-1 Infection," <i>Lancet</i> 341 (April 10, 1993).
✓	CT	Vileek <i>et al.</i> , <i>In AIDS: The Epidemic of Kaposi's Syndrome and Opportunistic Infections</i> , A.E. Friedman-Kien & L.J. Laubenstein, eds. Masson Publishing, New York, New York, 1986.
✓	CU	Wood <i>et al.</i> , "In Situ Hybridization of IL-6 in Rheumatoid Arthritis," <i>Clin. Exp. Immunol.</i> 87:183-189 (1992).
	CV	
	CW	
	CX	

EXAMINER <i>John DeClouet</i>	DATE CONSIDERED <i>8-20-01 5-30/01</i>
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